



# CERTIFICATE OF CONSTANCY OF PERFORMANCE

## 0051 – CPR – 1995

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

### LOADSPEAKERS FOR FIRE DETECTION AND FIRE ALARM SYSTEMS

Trademark: **PROEL**  
Model: **A31TB – A31TW**

Other information: **See ANNEX**

Produced by:  
**PROEL S.p.A.**  
**Via alla Ruenia, 37/43**  
**64027 Sant'Omero (TE)**

In the manufacturing plant(s):  
**PI.U0002B**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

**EN 54-24:2008**

under system **1** are applied and that **the product fulfills all the prescribed requirements set out above.**

This certificate cancels and replaces the certificate having the same number and issued on 2020-04-06 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly

---

ING. V. BAGGIO  
CPR TECHNICAL DIRECTOR

Milan, 2020-12-21

This certificate was issued by IMQ S.p.A., a Notified Body according to Regulation (EU) No. 305/2011.  
IMQ S.p.A. Identification Number is: 0051.

## ANNEX

### 0051 – CPR – 1995

A31Tx is a two-way surface-mount loudspeaker system designed for constant-voltage or constant-impedance applications.

The loudspeaker consists of a plastic enclosure dimensions: 140 x 209 x 125 mm (w x h x d) with IP55 degree of protection, containing:

- 1 woofer 76 mm (3")
- 1 dome tweeter (1")
- 1 transformer 70 / 100 V

#### Technical Characteristics

Rated noise power (W)	Rated impedance ( $\Omega$ )	Maximum sound pressure level at rated noise power (dB)	Sensibility SPL 1 W / 4m (dB)
25 W	400 / 800 / 1.6K / 3.2K $\Omega$ @ 100V 200 / 400 / 800 / 1.6K / 3.2K $\Omega$ @ 70V	85.8 dB	73.4 dB

- Destination for use: Type B (for external);
- Differences between models A31TB and A31TW:  
A31TB = Black enclosure  
A31TW = White enclosure